

CLAIMS

1. A method for detecting a gene of a drug-targeted protein in a living organism, which method comprises causing an antigenic substance to be bound to a drug via a chemical cross-linker, the drug being administered to the living organism; using the obtained material as a probe; and directly screening the gene of the protein bound to the probe by use of a cDNA expression library containing genes of the living organism to which the drug is to be administered.

2. A detection method according to claim 1, wherein the antigenic substance is serum albumin or fluorescein isothiocyanate.

3. A detection method according to claim 1 or 2, wherein the cDNA expression library contains a phage as a vector.

4. A detection method according to any one of claims 1 through 3, wherein the drug is non-protein and *per se* exhibits no antigenicity.